

## TRANSMITTAL FORM

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	Application Number 09/932,850
Filing Date	August 17, 2001
First Name & Inventor:	Hongbiao Zhang
Group Art Unit	2633
Examiner Name	Agustin Bello
Total Number of Pages in this Submission	13
Attorney Docket Number	BCS03672

### ENCLOSURES

**(check all that apply)**

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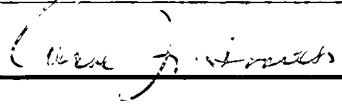
Remarks \_\_\_\_\_

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Robert P. Marley	Registration No.	32,914
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Date	February 15, 2005		

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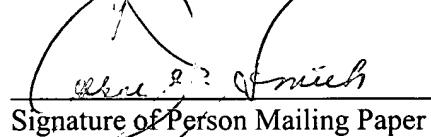
APPLICANT(S) Hongbiao Zhang GROUP ART UNIT: 2633  
Frank J. Effenberger  
Kyoo J. Lee  
APPLN. NO.: 09/932,850 EXAMINER: Agustin Bello  
FILED: August 17, 2001  
TITLE: METHOD AND APPARATUS FOR PATH SELECTION AND  
WAVELENGTH ASSIGNMENT IN AN OPTICAL NETWORK

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**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the non-final Office Action dated November 3, 2004, please amend the above-identified U.S. patent application as follows:

**AMENDMENTS TO THE DRAWINGS**

Applicant's have submitted more formalized drawings for all of the originally filed figures on seven replacement sheets attached hereto. The Examiner is requested to accept the revised drawings for FIG. 1, FIG. 2, FIG. 3, FIG. 4, FIG. 5, FIG. 5, FIG. 7A, FIG. 7B, FIG. 8A, FIG8B, AND FIG. 9. FIG. 1, FIG. 2, FIG. 3, FIG. 4, and FIG. 5. No modifications have been made to the content of the original drawings outside of formalization.

**AMENDMENTS TO THE CLAIMS**

Cancel claims 1, 6, 7, 8 and 9.

Amend the remaining claims as follows:

2. (presently amended) [The] A method of [claim 1 wherein transforming comprises]  
determining a shortest path between a source node and a destination node in an optical network  
having plural network nodes interconnected with optical transmission links, the method  
comprising:

assigning an electronic node to each network node, the electronic node representing an electronic switching fabric interconnecting optical-electrical-optical (OEO) transmitters and receivers of the network node;

assigning optical channel nodes to each network node, each optical channel node representing an optical cross-connect for an optical channel available at the network node;